

The Production of Drawing Tools From Tool Steel for
the Manufacture of Bright Steel, by F. Boehm. UNCL
GERMAN, per, Stahl u Eisen, Vol LXXI, No 10, 1951,
pp 522-523.

British Iron and Steel Ind
(no number given)

Sci - Engr
Sep 59

98, 132

Determination of the Design and Size of Hot Blast
Stoves, by W. Heiligenstaedt.

GERMAN, per, Stahl und Eisen, Vol LXXI, 24 May 1951,
pp 568-575.

BISI 2160

Sci - Engr

170, 099

Sep 61

Testing of Metallic and Nonmetallic Protective Coatings for Corrosion Resistance in an Artificial Industrial Atmosphere, by W. Kesternich.

GERMAN, per, Stahl und Eisen, Vol LXXI, No 11, 1951, pp 507-508.

Brutcher Tr 3125

Scientific - Minerals/Metals

Price \$2.65

Nov 53 CIS

7271

Investigations Into Increasing the Efficiency of
Band Sintering Plants, by Herbert Pohl, 35 pp.

GERMAN, per, Stahl und Eisen, Vol LXXI, No 12,
1951, pp 597-605, No 13, pp 664-669.

SIA 60-18613

Sci

Apr 61

146,113

Creep Tests on Molybdenum, Chrome-Molybdenum, and
Chrome-Molybdenum-Vanadium Steels, by R. Theis.

GERMAN, Stahl und Eisen, Vol 71, 1951, No 12
pp 619-624

SLA 51-1467
Brutcher Tech Tr 2882

Recent Developments Home and Abroad in the Construction of Large-Scale Oxygen Generating Plants,
by Ernst Karwat.

GERMAN, per, Stahl und Eisen, Vol LXII, 1951,
pp 709-715.

Nova Scotia No 222

Scientific & Engineering

Aug 53 CTS

4791

Investigation Into the Workability of Cold-
Heading Steels, by J. Billigmann.

GERMAN, per, Stahl und Eisen, Vol LXXI,
No 16, 1951, pp 826-836.

HB 5020

Sci-M/M

243,950

Dec 63

Investigation Into the Workability of Cold-Heading Steels,
General Discussion, by J. Billigmann.
GERMAN, per, Stahl und Eisen, Vol LXXI, No 16, 1951,
pp 836-839.

HB 5070

Sci - M/M

Mar 64

250,776

Annealing and Tempering of Steel Bars in a Induction Heat Treating Plant on Line Frequency, by H. Kraines
M. Kroneis, F. Raidl.

Full translation.

GERMAN, bivk per, Stahl und Eisen, Vol LXXI, No 17,
1951, pp 860-886.

Brutcher Trans No 3038

Scientific - Minerals/Metals

Sep 53 CTS

\$7.40 price

4840

Blast Furnace Observations With Gas Probe, by
W. Wolf

GERMAN, Stahl und Eisen, Vol 71, 1951, No 19,
pp 986-991.

Brutcher Tech Tr No 2915

Strength and Wear of Induction and Case
Hardened Spur Gears, by H. Glaubitz, 9 pp.

GERMAN, biwk per, Stahl und Eisen,
Vol LXXI, No 20, Sep 1951, pp 1040-1044.

S.L.A.

Scientific - Engineering
CTS 70/Jul 55

25,181

Development of the Hard-Metal Alloys in Germany, by
Arendsen, Hinndorff.

(GEMAH, par., Stahl u Eisen, Vol LXXI, 11 Oct 1951,
pp 1081-1090.

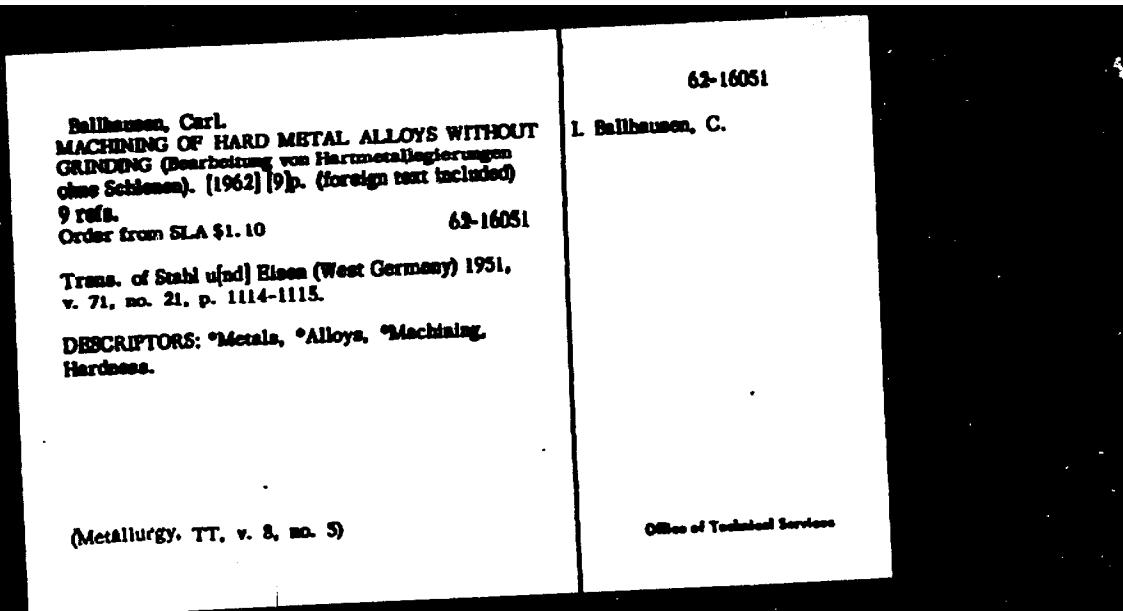
Co-op Tr. Serv Fr 562
(5.0.0)

EE - Germany
Econ
Nov 57

55, 852

<p>Bilhausen, Carl. CHANGES IN PRODUCTION TECHNIQUE OF HARD METAL ALLOYS. Rept. no. 10 of the Committee for Metal Metallurgy of the Verein Deutscher Eisen- hüttenleute. [1961] 23p. (50 figs. omitted) 9 refs. Order from SLA \$2.60 Trans. of Stahl [und] Eisen (West Germany) 1951, v. 71, no. 21, p. 1090-1097.</p> <p>DESCRIPTORS: *Powder metallurgy, *Tungsten, Sinter- ing, *Refractory materials, *Alloys (Metallurgy, TT, v. 6, no. 3)</p>	<p>61-16164</p> <p>I. Title: Hard metal alloys I. Bilhausen, C. II. Title: Verein...</p> <p>170243</p> <p>Office of Technical Services</p>	
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<p>Bensch, Emil. THE PROPERTIES OF SINTERED IRON COMPONENTS AS DEPENDENT ON THE TYPE OF POWDER AND ITS CONDITIONS OF MANUFACTURE. [1963] [38]p. 23 refs. Order from SLA \$3.60</p> <p>Trans. of Stahl und Eisen (West Germany) 1951, v. 71, no. 21, p. 1103-1114 (Verein Deutscher Eisenhütten- leute (West Germany). [Berichte]-11).</p> <p>DESCRIPTORS: *Iron, *Sintering, *Powder metal- lurgy, Porous metals, Manufacturing methods, Mechanical properties.</p> <p>Topics include: The inherited properties of compact and porous powders; edge strength, shrinkage, and surface characteristics of powders; freedom from oxygen and chemical purity of the powder, compression strength with lower pressure; dependence of the mechanical prop- (Metallurgy--Ferrous Metals, TT, v. 10, no. 7)(over)</p>	<p>63-16779</p> <p>I. Bensch, E. II. Verein...Berichte-11</p> <p>Office of Technical Services</p>
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On the Development of Cracks in the Rotary Swaging
of H Steel Wire, by W. Pungel

Full translation.

GERMAN, per, Stahl und Eisen, Vol LXXI, No 22, 1951,
pp 1137-1140.

Brutcher Tr No 2834

Scientific - Engineering Jul 53 CIS/DEX
Price \$1.85 3966

Recent Developments in Sinter Plants, by
Helmut Wendeborn, 16 pp.

GERMAN, per, Stahl und Eisen, Vol. LXXI, No 23,
1951, pp 1212-1218.

SLA 60-18617

Sci
Jul 62

203, 568

Vol 4, No 12

Hülsbruch, W. PROPER HEATING AND HOLDING TIMES IN AN- NEALING AND HEAT TREATING OF STEELS. [1962] 14p. (tables figs. refs. omitted). Order from SLA \$1.60	62-16981 I. Hülsbruch, W. II. Verein ... Berichte-700 62-16981
Trans. of Stahl und Eisen (West Germany) 1951, v. 71, no. 23, p. 1219-1225 ([Verein Deutscher Eisenhutten- leute (West Germany). Berichte]-700).	
DESCRIPTORS: *Steel, Heat treatment, Annealing, Processing, *Austenite, Grains (Metallurgy).	
(Metallurgy--Ferrous Metals, TT, v. 8, no. 10)	
Office of Technical Services	

Improved Efficiency in Pickling Plant for Bright
German Steel, by P. von der Heide, URGU

GERMANY, per, Stahl u Eisen, Vol LXXI, No 2, 1951,
pp 1148-1155.

British Iron and Steel Ind
(no number given)

Sci - Min/Met
Sep 59

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The Use of Oxygen in Basic Open-hearth Operation
by K. Heinrich.

GERMAN, Stahl und Eisen, Vol 71, 1951, No 23,
pp 1199-1204.

Brutcher Tech Tr No 2847

Recent Developments in Sinter P ants, by
Helmut Wendehorn, 16 pp.

GERMAN, per, Stahl und Eisen, Vol. LXXI, No 23,
1951, pp 1212-1218.

SLA 60-18617

Sci
Jul 62

Vol 4, No 12

Suitable Heating and Holding Times in Commercial Heat
Treating of Steel, by W. Hulsbruch,

GERMAN, per, Stahl und Eisen, Vol LXXI, No 23,
1951, pp 1219-1225.

27,836

Brutcher Tr 3503

Scientific - Min/Metals

Oct 55 CTS

Lining of Blast Furnaces With Carbon Brick, by
A. Send.

GERMAN, per, Stahl und Eisen, Vol LXXI, No 25, 1951,
pp 1361-1365.

Brutcher No 3185
\$4.40

40,672

Sci - Min/metals

Cases of Damage to Steam Turbines and How to
Prevent Such Damage, by E. Pohl.

GERMAN, per, Stahl und Eisen, Volm LXXI,
No 25, 1951, pp 1317-1319.

24,648 Brutcher Tr 3512
 \$4.80

Scientific - Engineering Jun 55 CTB

The Effect of Bearing Shape on Load-Carrying Capacity
and on Performance Reliability, by Alfred Buske,
13 pp. UNCLASSIFIED

Full translation.

GERMAN, per, Stahl und Eisen, 20 Dec 1951, pp 1420-1433.

Navy Tr 658/BuShips 489

Scientific - Engineering

Desulfurization of Pig Iron With Powdered Burnt
Lime, by W. Beding.

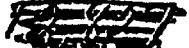
GERMAN, per, Stahl und Eisen, Vol LXXI, No 25, 1951,
pp 1440-1442.

Brutcher Tr 2843

Scientific - Min/Metals

\$5.20

12,965



Investigations on the Annealing of Steel From the Hot-
Working Temperature With Isothermal Transformation,
by E. Theis

GERMAN, per, Stahl und Eisen, Vol LXXX, No 26,
1951, pp 1433-1440.

Brutcher Tr No 3032

Scientific - Metallurgy Price \$9.40

1373

Experience With a Box-Type Roof on a 40-Ton Open-Hearth Furnace, by Ernst Meier-Cortes, 6 pp.

GERMAN, per, Stahl und Eisen, Vol LXXII, No 1, 1952, pp 10-12.

SIA 60-18618

Sci

146,111

Apr 61

Stringers in Stainless Steel, by O. Krifka

GERMAN, per, Stahl und Eisen, Vol LXXII, No 1,
1952, pp 39-42.

Brytcher Tr 3112

Scientific - Minerals/Metals
CTS/DEX Price \$5.90

5890

<p>Werth, S. METHODS FOR MEASURING AND PRODUCTION OF BORES OF WIRE, WITH PREDETERMINED ROUNDING-OFF RADII AND BEARING LENGTHS. [1962] 9p. (figs. tables formulae omitted). Order from SLA \$1.10 63-10005</p> <p>Trans. of <u>Stahl und Eisen</u> (West Germany) 1952, v. 72, no. 2, p. 66-69.</p> <p>DESCRIPTORS: Measurement, Production, *Boreholes, *Wire, Dies, Drawing (Machine processing).</p> <p>Differences in dimensions in the use of conical test needles for the determination of the cylindrical bearing length z in drawing tools obtained from measuring values of both the angular drawing bore and the final form with rounded off edges make it possible, on the basis of geometrical derivations to determine the (Machinery--Manufacturing, TT, v. 9, no. 11) (over)</p>	<p>63-10005</p> <p>I. Title: Boring I. Werth, S.</p> <p>Office of Technical Services</p>
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The Influence of Coil Weight And the Relation
Thereupon the Hourly Output of Cold-rolling
Mills, by Hans Pannek, 18 p.

GERMAN, per, Stahl und Eisen, 1952, Vol 1952,
No 2, pp 70-75.

SLA 59-17132

Sci
Jan 63
Vol 2, No 8

105, 497

Rolling Output and Efficiency of Utilisation of
Cold-Rolling Stands in General Terms, by Werner
Lueg, 8 pp.

GERMAN, per, Stahl und Eisen, Vol LXXII, No 2,
1952, pp 75-79.

SLA 60-18620

Sci

146,137

Apr 61

Development and Experiences With Basic
Chrome-Magnesite Roofs on Large Tilting
Open-Hearth Furnaces, by Werner Lange, 10 pp.

GERMAN, per, Stahl und Eisen, Vol IXXII, No 6,
1952, pp 284-287.

SLA 60-18622

Sci

146,135

Apr 61

Supersonic Investigation of Rail Vehicle Axles, by
Erich Martin, 16 pp.

Full translation.

GERMAN, per, Stahl und Eisen, Vol LXXII, No 4, Feb 1952,
pp 176-185.

S.L.A. 60-18621

Scientific - Engineering

27078

Jul 55

Improvement of Basic Bessemer Steel by Adding
Oxygen to the Blast, by W. Dick.

GERMAN, Stahl und Eisen, Vol 72, 1952, No 5,
pp 233-242.

Brutcher Tech Tr No 2896

<p>Bertram, Walter. THE MANUFACTURE OF THOMAS STEEL WITH ADDITION OF LIMESTONE AND OXYGEN. [1963] 9 refs. Order from SLA \$1.10 63-16829</p> <p>Trans. of Stahl und Eisen (West Germany) 1952, v. 72, 28 Feb, p. 243-245 (Verein Deutscher Eisenhüttenleute (West Germany). [Berichte]-498).</p> <p>DESCRIPTORS: *Steel, Additives, Limestone, Oxygen.</p> <p>Through the use of oxygen, in the Thomas plant, there is being blown in current production, from the usual pig iron with 0.4% Si and a phosphorus content of 2.25%, a steel consistently having a maximum of 0.45% P and 0.004 to 0.007% nitrogen, which in its composition and in its properties for many purposes is equal to the high value Siemens-Martin steels. (Author)</p> <p>(Metallurgy--Perous Metals, TT, v. 10, no. 9)</p>	<p>63-16829</p> <p>I. Title: Thomas steel I. Bertram, W. II. Verein ... Berichte-498</p> <p>600px of Technical Services</p>
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Production of Stainless Steels in the Electric
Arc Furnace, Using Oxygen, by K. Bungar t,
E. Pakulla, K. Tesche.

GERMAN, bivk per, Stahl und Eisen, Vol LXXII,
1952, No 5, pp 245-257.

Brutcher Tech Tr 2920

Scientific - Minerals/Metals

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17,015

Development and Experiences With Basic
Chrome-Magnesite Roofs on Large Tilting
Open-Hearth Furnaces, by Werner La ge, 100pp.

GERMAN, per, Stahl und Eisen, Vol LXXII, No 6,
1952, pp 284-287.

SLA 60-18622

Sci

Apr 61

Production of Elect-Furnace Slag Wool Without
Remelting, by G. Haeger, P. Dickans. UMCL

GERMAN, per, Stahl u Eisen, No 6, 1952,
pp 297-302.

British Iron and Steel Ind
(no number given)

Sci - Min/Met
Sep 59

98, 307

Use of Dolomite Bricks in the Electric ARC Furnace
When Refining With Oxygen, by Harro Werwach, 11 pp.
GERMAN, per Stahl und Eisen, Vol LXXXII, No 7,
1952, pp 341-345.

SLA 60-18623

Sci

146,164

Apr 61

On the Use of Dolomite Brick in Open-Hearth
and Electric Arc Furnaces, by P. Gareis.

GERMAN, per, Stahl und Eisen, Vol LXXII, No 7,
1952, pp 345-347.

Henry Bratcher Tr No 3354
\$4.65

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Sci - Min/Metals
Apr 1957 CTS/dex

Friction, Wear, and Lubrication in Wire Drawing, by
W. Fapsdorf

Full translation.

GERMAN, Der, Stahl und Eisen, Vol LXXII, No 8, 1952,
pp 393-399.

Brutcher Tr No 3050

Jul 53 CPS/DEX

Scientific - Minerals/Metals Price \$9.40

3506

Mathematical Investigation of the Drawing Process,
by E. Siebel.

GERMAN, per, Stahl und Eisen, Vol LXXII,
10 Apr 1952, pp 425-426.

BIBI 2349
GB/41/2349

Sci - Math

168, 480

Sep 61

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Production of Sponge Iron by the Wiberg-Soderfors Process, by J. Stalhed. 28 pp.

Copenhagen, phys. Stahl und Eisen, Vol LXXII,
1942, pp 421-466.

EX
Broken Hill Prop Co Ltd
(CRL/T.200)

SLA 191, 107

Sci - Engr
Eur - German
Econ
Apr 62

Design and Operation of Modern Soaking Pits, by
Oskar J. Stebel, 21 pp.

GERMAN, per, Stahl und Eisen, Vol LXXII, No 9,
pp 466-475, 1952

SLA 60-18624

Sci

Apr 61

146,160

Spring Steels, Their Development, Characteristics
and Fields of Application, by S. Axmareller, 33 pp.

GERMAN, per, Stahl und Eisen, Vol LXIII, No 9,
1952, pp 475-489.

CIA/FDD/Z-17

EEur - Germany
Economic - Steel
Scientific - Engineering, steel

Mar 53 CTS

31

Properties of Sintered Hardmetal Alloys
Represented in a Comparison Graph, by
C. Billmann.

GERMAN, per, Stahl und Eisen, Vol LXXII,
No 9, 1952, pp 489-492.

Broken Hill Prop Co Ltd
(CRL/T 169)

Sci - Min/Met
Dec 61

175, 699

Resistance to Intergranular Corrosion of Ferritic and
Martensitic Stainless Chromium Steels, by
E. Houdremont, W. Tofaut,

GERMAN, per, Stahl u. Eisen, Vol LXXXI, No 10,
1952, pp 539-545.

23,155.

Brutcher Tr No 3443
\$6.40
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Max 55 CBS
Apr

Scientific - Min/Metals

Protective Gases for the Heat-Treatment of Steel,
by E. Kunze.

GERMAN, per, Stahl u Eisen, Vol LXXII, Duesseldorf,
1952, pp 561-569.

The Iron and Steel Institute
Tr No 453 OT/415

Scientific - Physics, gases, heat-treatment, steel
Engineering.

Index Aeronauticus

Effect of Blast-Furnace Operation on the Course of Reactions of Basic Bessemer Heats, by Oelsen, Eickworth.

GERMAN, semimo per, Stahl und Eisen, Vol LXXII, 22 May 1952, pp 597-605.

Co-Op Tr Sch Tr 644
(3.15.0)

57,775

Sci ~ Engr
Jan 58

SL4 61-16363

Foreign in Particular Swedish, Steel Bar and
Rod Rolling Mills, by T. Dahl. UNCL.

GERMAN, per, Stahl u Eisen, Vol LXXII, May 22,
1952, pp 605-611.

British Iron and Steel Ind
(no number given)

Sci - Min/Met
Sep 59

98, 111

Deformation Ratios in the Thyssen Method of Rail
Calibration, by K. Vollmacher. UNCL

GERMAN, por, Stahl u Eisen, 22 May 1952,
pp 611-616.

SLA 60-18626
British Iron and Steel Ind
(no number given)

Sci - Engr
Sep 59

98, 423

Wheels for Large Forgings, by S. Ammreller, B Grun

Full translation.

GERMAN, per, Stahl und Eisen, Vol LXXII, No 12,
1952, pp 653-662.

Brutcher Tr No 3012

Scientific - Minerals/Metals Jul 53 CTS/DEX
Price \$9.80

3958

Influence of the Manufacturing Conditions in the
Steel Plant on the Quality of Forging-Grading
Steel Ingots, by Werner Heischkeil, 14 pp.

GERMAN, per, Stahl und Eisen, Vol LXXII, No 12,
1952, pp 663-668.

SLA 60-18233

Sci

146,131

Apr 61

Effect of Processing Conditions on the Properties
of Heavy Forgings for Steam Turbines, by R. Schinn

GERMAN, per, Stahl und Eisen, Vol LXXII, No 12, 1952
pp 676-683.

Brutcher Tr 3077

Scientific - Minerals/Metals
CTS/DEX Price \$9.80

5921

The Deformability of Slag Inclusions in Steel
and Its Significance in the Assessment of
Forgings, by Erich Scheil, Rudolf Schnell, 8 pp.

GERMAN, per, Stahl und Eisen, Vol LXXII, No 12,
pp 683-687, 1952

SLA 60-18627

Sci

146,151

Apr 61

Ultrasonic Testing of Heavy Steel Forgings by the
Pulse-Echo Technique, by R. Schinn, U. Wolff.

GERMANY

DISSEMINATED, per, Stahl und Eisen, Vol LXXII, No 12,
1952, pp 695-702.

Brutcher Trans No 2564

Scientific - Metallurgy, steel, forgings, ultrasonic
testing

Investigation into the Formation of Black Spots on the
Rail Tread, by W. Janiche,
GERMAN, per. Stahl Eisen, Vol 72, N o 13, 1952,
pp 758-766.
BISI 9914

Oct 72

Process for the Improving known Bessemer
process for Adding Oxygen to the Blast, by
John C. Gilchrist, Jr., U.S.A.

England, June, British Patent No. 13, 1952,
No. 2,000,000.

British Iron and Steel Ind
(no number given)

John C. Gilchrist
U.S.A. 77

78, 26, 7

Influence of Slag Control Upon the Gas Flow in
the Blast Furnace, by W. Wolf, UNCLASSIFIED

GERMAN, Stahl und Eisen, Vol 72, 1952, No 13, pp 777-778

Brutcher Order No 2994

Scientific

February 1953

The Effect of Aluminium on the Properties of
Mild Steels, by K. Born, W. Koch. UKCL

GERMAN, per, Stahl u Eisen, Vol LXXII, No 14,
1952, pp 820-832.

British Iron and Steel Ind
(no number given)

Sci - Min/Met
Sep 59

98/139

Galvanized Sheet and Strip, by W Brachmann,
UNCLASSIFIED

GERMAN, Stahl Und Eisen, Vol LXXXII, 1952, No 14,
pp 824-833.

Brutcher Order No 3033
Price \$14 80

Scientific - Metallurgy

455

Continuous Casting of Steel by the Junghans Process, by
W. G. Speith, A. Bungeroth.

Full translation.

GERMAN, per, Stahl und Eisen, Vol LXXII, No 15, 1952,
pp 869-885.

Brutcher Tr No 2970

Author - Germany

Scientific - Metallurgy, casting, alloys, steel

Present Day Questions Regarding Steel Used for
Thin Sheet and Strip, by E. Schauff. UNCL

GERMAN, per, Stahl u Eisen, No 15, 17 Jul 1952,
pp 892-898.

British Iron and Steel Ind
(no number given)

Sci - Min/Met
Sep 59

98,371

Schwalbe, Rolf. PROPOSALS FOR TESTING METAL POWDERS. [1963] 23p. 10 refs. Order from SLA \$2.60	63-16835 I. Schwalbe, R. II. Verein ... Berichte-14	

Trans. of *Stahl und Eisen* (West Germany) 1952,
v. 72, p. 898-904 [Verein Deutscher Eisenhüttenleute]
(West Germany). [Berichte]-14).

DESCRIPTORS: *Powder metals, *Metallography,
Test methods, Quantitative analysis, Grain structure
(Metallurgy), Mechanical properties.

A compilation is made of the methods that appear
suitable to characterize the properties of metal
powders. The following tests are described, in part
based on those of the Metal Powder Association: (1)
Tests of chemical composition; Determination of
oxygen content, metallic constituents and insoluble
(Metallurgy, TT, v. 10, no. 8) (over)

Office of Technical Services

Recent Experiences With the Smelting of Iron Ores in
a Low-Shaft Furnace, by E. Killing.

GERMAN

~~REPRINT~~, per, Stahl und Eisen, Vol LXXII, No 16,
1952, pp 925-928.

Brutcher Trans No 2938

Scientific - Minerals/Metals, Iron, Ores, Smelting,
furnace

Influence of Furnace Atmosphere on the Surface of
Tube Rounds and Tubes, by W. Scheurer

GERMAN, per, Stahl und Eisen, Vol LXXII, No 16,
1952, pp 935-941.

SLA 60-1823 v
Brutcher Tr 3086

Scientific - Minerals/Metals
CTS/DEX Price ~~\$9.95~~ \$9.90

5927

Measurement of Thicknesses of Less Than One Millimeter
(3/64") With Beta Rays, by A. Trost.

Full translation.

GERMAN, b/wk per, Stahl und Eisen, Vol LXXII, No 16,
1952, pp 941-943.

Brutcher Trans No 3057

Scientific - Minerals/Metals

Sep 53 CTS

\$3.40 price

4847

Measurement of Metal Thicknesses of up to About
25/64" With X-Rays and Geiger Counter, by H. W.
Fritze

GERMAN, per, Stahl und Eisen, Vol LXXXII, 1952,
No 16, pp 339-345.

Brutcher Order No 3058
Price \$2.20

Scientific Metallurgy

1387

Measuring the Thickness of Non-Magnetic Layers on
Non-Magnetic Basis Materials With Beta Rays and
Counting Tube, by R. Berthold

Full translation.

GERMAN, per, Stahl und Eisen, Vol LXIII, No 16,
1952, pp 945-947.

Bratcher Tr No 3060

MM Jul 53 CTS/DEK

Scientific - Minerals/Metals Price \$3.20

3500

The Production of Steel by Converting With Il.
Purity Oxygen, by O. Cuscoleca, K. Rosner, W
Kuhnelt.

GERMAN, per, Stahl und Eisen, Vol LXXII, 1952
pp 989-992.

Sci ~ Min/Met

US T.3242
United Steel
156908

Jun 61

Plant, Operation, and Economics of Oxygen (Converter)
Steelworks, by K Rosner

~~RECORDED~~
GERMAN, per, Stahl und Eisen, Vol LXXII, 1952, No 17,
pp 997-1004.

Bruncher Order No 3006
Price \$7.80

Scientific - Minerals/Metals Jun 53 CTS

2232

Structural and Crystalline Conditions After Cold
Forging and Alternating Stress, by M. Hempel, H. R.
Sander, H. M. Moller.

GERMAN, birk per, Stahl und Eisen, Vol LXXXI,
No 18, Aug 1076-1080.

1952 (PP)

D.S.I.R./27514

Sci - Engineering, Chemistry 46, 437
Apr 57 CTS/dex

The Standardization of Spring Steel Wires, by
E. Siebel, W. Panknin.

9. GERMAN, per, Stahl u Eisen, Vol LXXII, No 20,
1952, pp 1193-1195. CIA 9004655

cj IR 6
TIL No 4758

48, 485-

Sci - Engineering

Lubricant Carriers Used in the Drawing of High
and Low Carbon Steel Wires, by W. Lueg, K. H.
Treptow

GERMAN, per, Stahl und Eisen, Vol IXXII, No 20,
1942, pp 1207-1212.

5

Brutcher Tr 3244

Scientific - Minerals/Metals
CTS/DEX

Price \$7.80

11,408

Boundary-Friction Lubricants (Chiefly for the Cold Working of Metals), by M. Kuhn, 2600 words.

GERMAN, per, Stahl und Eisen, Vol LXXII, No 20, 1952,
pp 1212-1216.

Brutcher No 3551
\$4.80

Scientific - Minerals/metals

26,722

Sep 55

Comparison of the Mechanical Properties of Drawn Steel Wires After Patenting Carried Out in Liquid Lead Baths, Salt Baths, and in Air, by C. Eisenhuth, H. Krautmacher.

GERMAN, per, Stahl und Eisen, Vol LXXXII,
25 Sep 1952, pp 1217-1221.

BISI 2313

Sci - Engr

170,104

Sep 61

GB/41/2313

The Importance of Submicroscopic ~~Ramp~~ Precipitation
for the Development of High-Strength Structural
Steels, by Nehl.

GERMAN, semimo per, Stahl und Eisen, Vol LXXII,
1952, pp 1261-1267.

~~Subj: Iron & Steel - 11~~
~~Co-op Tr Sch Tr 599~~

Sci - Min/met
Jan 58

57,728

Influence of Aluminum on the Properties of Mild
Unalloyed Steels, by Kurt Born, Walter Koch.

Full translation.

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